

HBO 1003 W/PIL

HBO-IC Microlithography lamps for ASML i-line systems | Microlithography lamps for ASML i-line systems

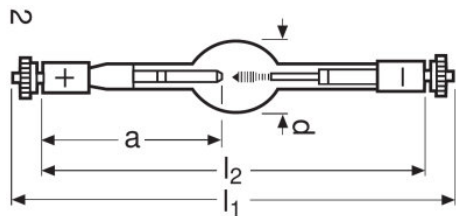


Technical data

Electrical data

| | |
|-----------------|------------------|
| Nominal voltage | 27.1 V |
| Nominal current | 25.8 A |
| Type of current | DC |
| Rated wattage | 700.00 W |
| Nominal wattage | 700 W ... 1000 W |

Dimensions & weight



| | |
|---|-----------------------|
| Diameter | 29.0 mm |
| Length | 195.0 mm |
| Mounting length | 195.0 mm |
| Length with base excl. base pins/connection | 167.50 mm |
| Light center length (LCL) | 85.0 mm ¹⁾ |
| Electrode gap cold | 3.0 mm |

¹⁾ Distance from end of base to tip of anode or cathode (cold)

Additional product data

| | |
|-------------------------------------|---------------------------|
| Base anode (standard designation) | SFcX14-6/25 ¹⁾ |
| Base cathode (standard designation) | SFc15-6/25 ²⁾ |

¹⁾ With cooling fins

²⁾ With thread (M6)

Capabilities

| | |
|------------------|----------------------|
| Cooling | Forced ¹⁾ |
| Burning position | Other ²⁾ |

¹⁾ Maximum permissible base temperature: 200 °C

²⁾ Anode underneath

Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|--|
| Date of Declaration | 05-03-2024 |
| Primary Article Identifier | 4050300461380 4050300967097 |
| Candidate List Substance 1 | Lead |
| CAS No. of substance 1 | 7439-92-1 |
| Safe Use Instruction | The identification of the Candidate List substance is sufficient to allow safe use of the article. |
| Declaration No. in SCIP database | b9c92b80-c1d8-4748-8fda-1d2d66728131 31a5877e-d4ec-4106-b4a4-a38a88565ee5 |

Country specific information

| Product code | METEL code | SEG-No. | STK-Number | UK Org |
|---------------|---------------|---------|------------|--------|
| 4050300461380 | OSRHBO1003PIL | - | - | - |
| 4050300461380 | OSRHBO1003PIL | - | - | - |

Product datasheet

Safety advice

Because of their high luminance, UV radiation and high internal pressure (when hot) HBO lamps may only be operated in enclosed lamp casings specially constructed for the purpose. Mercury is released if the lamp breaks. Special safety precautions must be taken. More information is available on request or can be found in the leaflet included with the lamp or in the operating instructions.

Logistical Data

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------|---------------------------------|---|-----------------------|--------------|
| 4050300461380 | HBO 1003 W/PIL | Sliding sleeve 1 | 268 mm x 72 mm x 72 mm | 1.39 dm ³ | 415.00 g |
| 4050300461397 | HBO 1003 W/PIL | Shipping carton box 8 | 335 mm x 185 mm x 315 mm | 19.52 dm ³ | 3840.00 g |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.